Electric Vehicle Components

✔ Production ✔ Prototype ✔ Development

# AL Roll-Formed FRAME

## Proposal of large closed cross-sectional structure using roll forming for cost reduction

### Product Specifications

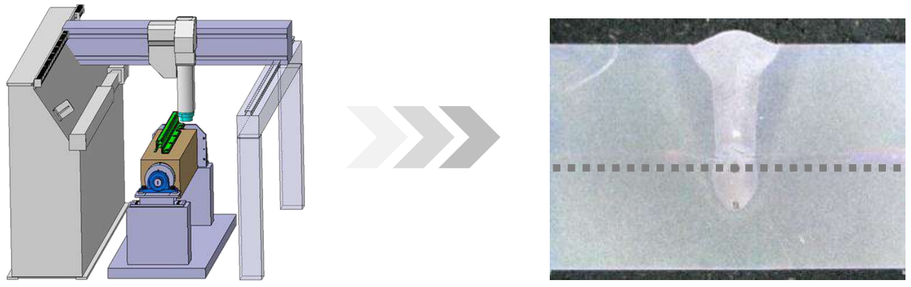
Material: AL 6XXX, T6 temper, t=4.0mm

Manufacturing process:
- Roll forming
- Laser welding

Roll Forming Line

*Demonstration line

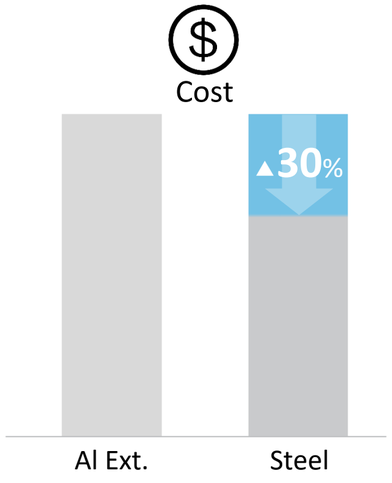
Welding



*Demonstration line

### Efficiency

- Cost reduction effect compared to aluminum extrusion
- Productivity improvement
- Reduced material usage

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